

TECH UPDATE

Opaque Finishes

Finish Type

Waterbase pigmented topcoat, system is made of waterbase acrylic and urethane resins.

System Steps

1. Sand
2. Spray first coat
3. Dry
4. Sand
5. Spray second coat
6. Dry
7. Stack and palletize

Test Data

Testing was performed per ANSI A161 1-1993 Section 9_3 Chemical Resistance

Chemical Resistance

Vinegar	no change
Lemon Juice	no change
Orange Juice	no change
Grape Juice	no change
Tomato Catsup	no change
Coffee	no change
Olive Oil	no change
100-proof alcohol	no change
Detergent + Water	no change
Mustard*	slight change

* 1 hour test, all others 24 hours



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Adhesion Test

The adhesion was performed per ASTM D 3359, Method B (Cross Hatch Adhesion) except using 3mm spacing and Scotch #600 tape.

Results

No loss of adhesion in test area

Water Resistance

The water resistance test was performed using a 5 1/2 X 3" #8 cellulose sponge containing 152 grams of water.

Results

No noticeable discoloration, staining, blistering, or grain raise occurred after 24 hours of exposure.

Cold Check Resistance

Passes 20 cycles

Color Availability

Marshfield DoorSystems® offers a wide range of colors and will custom color match when proper standards are provided. Color variance will occur depending on application, substrate, and film thickness. Higher gloss levels are highly discouraged because of their tendency to magnify minor defects, telegraphing, and shipping rub marks. Darker colors, reds, blacks, brown, and yellows will tend to not have as uniform color consistency and clarity as lighter colors.

